TC-K8 (Panel: Silver)

Canadian Model

TC K8B (Panel: Black)

E Model AEP Model UK Model



STEREO CASSETTE DECK

SPECIFICATIONS

Power Requirements:

110, 120, 220, 240 V ac, 50/60 Hz (E, AEP, UK model)

120V ac, 60 Hz (Canadian model)

Power Consumption:

35W (E, AEP, UK model)

32W (Canadian model)

AC Outlet:

Unswitched 300W total (Canadian model)

Dimensions:

Approx. 430 (w) \times 170 (h) \times 310 (d) mm 17 (w) \times 6 $\frac{3}{4}$ (h) \times 12 $\frac{1}{4}$ (d) inches (E, AEP, UK model) 460 (w) \times 170 (h) \times 310 (d) mm 18 $\frac{1}{8}$ (w) \times 6 $\frac{3}{4}$ (h) \times 12 $\frac{1}{4}$ (d) inches

(Canadian model)

Including projecting parts and controls

'Dolby' and the double-D symbol are the trade marks of Dolby Laboratory Inc. Noise reduction system manufactured under license from Dolby Laboratory Inc.

SAFETY-RELATED COMPONENT WARNING!

COMPONENTS IDENTIFIED BY SHADING AND MARK ♠ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ !

LES COMPOSANTS IDENTIFIÉS PAR UN TRAMÉ ET UNE MARQUE A SUR LES DIAGRAMMES SCHÉ-MATIQUES, LES VUES EXPLOSÉES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DES SUPPLÉMENTS PUBLIÉS PAR SONY.

MODEL IDENTIFICATION: See page 50

Weight:

Approx. 11 kg, 24 lb 5 oz (E, AEP, UK model) 11.8 kg, 26 lb 1 oz (Canadian model)

Track:

4-track 2-channel stereo

Fast Forward and

Frequency Response:

Rewind Time:

Approx. 70 seconds with Sony cassette C-60 DOLBY NR OFF

control couple that an ever the finance

With Ferri-Chrome cassette 20-18,000 Hz (NAB) 30-16,000 Hz ±3 dB (NAB)

30-16,000 Hz (DIN) With chromium dioxide cassette 20-17,000 Hz (NAB) 30-15,000 Hz ±3 dB (NAB)

30-15,000 Hz (DIN) With standard cassette 20-15,000 Hz (NAB) 30-13,000 Hz (DIN)

Wow and Flutter:

0.045% WRMS ±0.12% (DIN)

S/N Ratio:

DOLBY NR OFF With Ferri-Chrome cassette

60 dB at peak level (NAB) 59 dB (DIN, 1975 rev.) With chromium dioxide cassette 56 dB at peak level (NAB)

DOLBY NR ON Improved by 5 dB at 1 kHz, 10 dB

above 5 kHz

Total Harmonic Distortion:

1.3%

- Continued on page 2 -



Record Bias Frequency:

105 kHz

Inputs:

MIC (two phone jacks)

Sensitivity: 0.2 mV (-72 dB) for low-impedance microphone

LINE IN (stereo binaural jack, two phono jacks)

Sensitivity: 0.06V (-22 dB)

Impedance: $100 \, \text{k}\Omega$

Outputs:

LINE OUT (two phono jacks) Normal level: 0.775V (0 dB) Load impedance: $100 \text{ k}\Omega$

with LINE OUT level control at "10" suitable load impedance more than $10\,\mathrm{k}\Omega$

HEADPHONES (binaural jack)

output level 3.9 mV to 0.12V (-46 to -16 dB) at load impedance 8Ω

Record/Playback Jack:

Input impedance less than $10 \, k\Omega$ Output impedance less than 10 kΩ

Remote Control

Connector:

11-pin connector

Liquid Crystal peak program meters

Response Range: Frequency Response: -40 dB to +5 dB 20 Hz-20,000 Hz ± 1.5 dB

Response Time:

1 millisecond

Decay Time:

Overshoot:

750 milliseconds (0 dB to -20 dB)

Indicator Elements:

64 elements for each channel

0 dB = 0.775 V

SECTION 1 **OUTLINE**

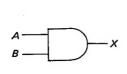
Circuit Description

A major feature of the TC-K8/K8B is the liquid crystal peak program meter which display input and output signals in analog bar graph form.

Some of the basic logic circuits employed in the meter circuit:

AND circuits:

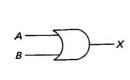
"H" output obtained only when all inputs are "H".



A	В.	Х
L	L	L
Н	L	L
L	Н	L
Н	Н	Н

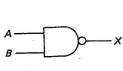
OR circuits:

"H" output obtained when at least one input is "H".



В	X
L	L
L	Н
Н	Н
Н	Н
	L L H

NAND circuits: "L" output obtained when all inputs are "H". NAND circuits are formed by combining an AND circuit with a negating circuit.



	A	В	X
Γ	L	L	Н
×Γ	Н	L	Н
	L	Н	Н
	H	Н	L

Liquid Crystal Peak Program Meter Drive Circuits

1. Basic Frequency Generator Circuits for Liquid Crystal Drive (See Figs. 1 & 2.) The signal generated by the multivibrator consisting of IC7-4, 7-5, C006, and R012 is passed through inverter IC7-6 to produce waveform A. This signal is then divided into 7 different waveforms (B) - (B) by IC6.

a) Clock pulse

Clock pulses are reference signals employed to show the converted time as the number of pulses. In this cassette deck, waveform B serves as the clock pulse. But waveforms and B are combined in the IC12-1 AND circuit to obtain a delay of half a clock pulse. This output (waveform 1) is applied to CX762 to ensure reliable shift of the A/D converted serial signal.

b) Strobe pulse

The IC6 output waveforms (3) to (1) are applied to IC13 for a NAND operation (waveform **①**). The strobe pulse is then formed by adding the output waveform & from the IC7-1, R026, C007 delay circuit to the IC13 output waveform
in an AND operation. This strobe pulse signal (waveform () is applied to CX762 and used as a reset signal.

c) Drive pulse IC6 output (waveform (1)) is used as an LCD drive signal, being applied to CX762 via inverter IC8.

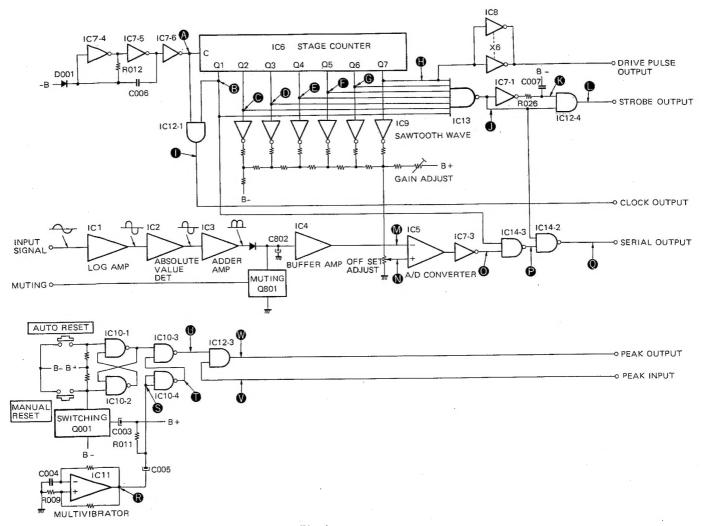


Fig. 1

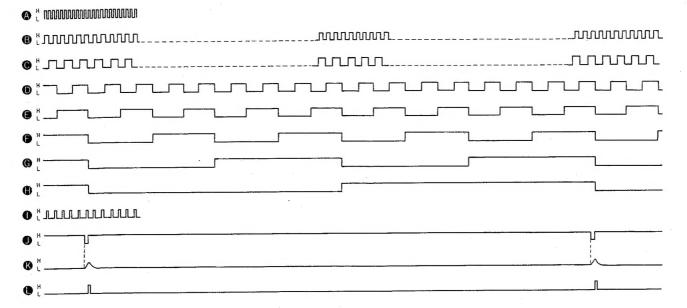


Fig. 2

2. A/D Converter Serial Signal Generator Circuit (See Figs. 1 & 3.)

The input signal is compressed according to a logarithmic function (in IC1) in order to expand the meter scale range. Then in order to detect both positive and negative peak levels in the input signal, the signal is rectified by the IC2 and IC3 full-wave rectifier, and charged up on C802 to convert the signal to DC current. (Levels a, b, and c in waveform- M correspond to the level variation in the input signal). The IC6 output waveforms 6 to are applied to IC9, passed through resistors, and then combined to form a comparator sawtooth wave (waveform N)) which is compared with waveform M in the A/D converter IC5. The input signal level variations are consequently converted into pulse widths (waveforms). The waveforms are passed through the inverter, and combined with the clock pulses (waveform by a NAND operation, resulting in the input signal level variation subsequently being expressed in terms of the number of clock pulses (waveforms serial signal). The IC13 NAND output (waveform) is combined with the serial signals (waveforms) in another NAND operation, thereby maintaining the left hand end LCD on constantly. This precaution ensures that the display does not go off altogether when there is no input signal, and also eliminates the effects due to the drift at low level.

* Drive pulse

Since the IC8 inverter operates and the output current of the "H" and "L" levels is equal, the potential difference becomes zero and this ensures longer operational life of the liquid crystal.

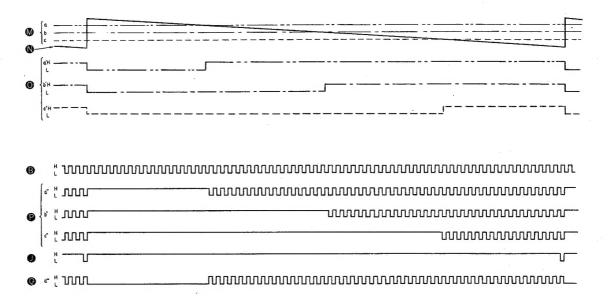
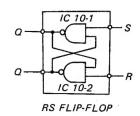


Fig. 3

3. Meter Mode Switching (See Figs. 1, 4 & 5)
IC10-1 and IC10-2 constitute an RS flip-flop.
When the power supply switch is turned on, Q001
turns on, and the input terminal of IC10-2 is
grounded while C003 is being charged up. Therefore an "L" level signal is generated on the IC10-1
output terminal. When the MANUAL RESET
switch is also turned on, an "L" level signal is
generated on the IC10-1 output terminal in the
same way. When the AUTO RESET switch is
turned on, an "L" level signal is applied to the

input terminal of IC10-1, resulting in the generation of an "H" level signal on the IC10-1 output terminal (See Fig. 4.) The signal (waveform) generated in the multivibrator (IC11, C004, and R009) is differentiated by C005 and R011 (waveform). The waveform is then rectified by IC10-4 (waveform), and combined with the IC10-1 output signal in a NAND operation (waveform). The peak signal reset pulse is generated when the AUTO RESET switch is on, but not when the MANUAL RESET switch is on.



Out Pow S	put er R	Q	Q
L	Н	Н	L
Н	L	L	L

Fig. 4

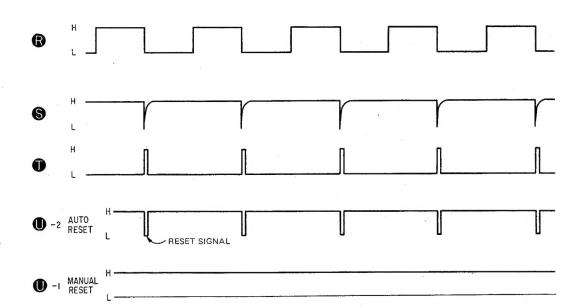
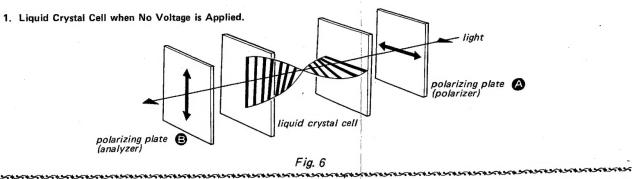


Fig. 5

Liquid Crystal

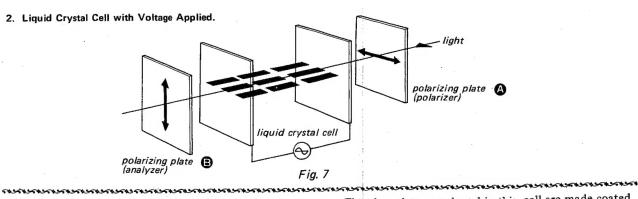
The TC-K8B features the liquid crystal peak program meter. Although liquid crystal comes in various different types, the liquid crystal molecules employed here are long and slender, and line up in the direction of-an electric field. By orienting this liquid crystal parallel to the surface of a glass plate, and then setting up 2 such glass plates to be at right angles to a light

beam, the liquid crystals within the liquid crystal cell line up as shown in Fig. 6. When 2 light polarizing glass plates are added to both sides of the cell, but no voltage applied across the cell, a light beam passed through polarizing plate (A) is rotated through 90° as it passes through the cell, and passed out again through polarizing plate (B).



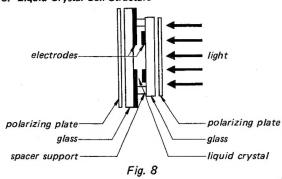
When a voltage is then applied across the crystal cell, the liquid crystals change direction and align perpendicular to the surface of the glass plates (as shown

in Fig.7.) The polarized light is no longer rotated through 90°, and consequently fail to pass through polarizing plate **3**. Therefore, the cell appears dark.



However, rather than indicating peak level by the change between light and dark, the peak program meter employed in the TC-K8/K8B feature a color display. This is achieved by using a color polarizing plate on the light source side. All colors except the desired color polarized by polarizing plate (A), resulting in this non-polarized color passing through polarizing plate (B) when all other colors are blocked out

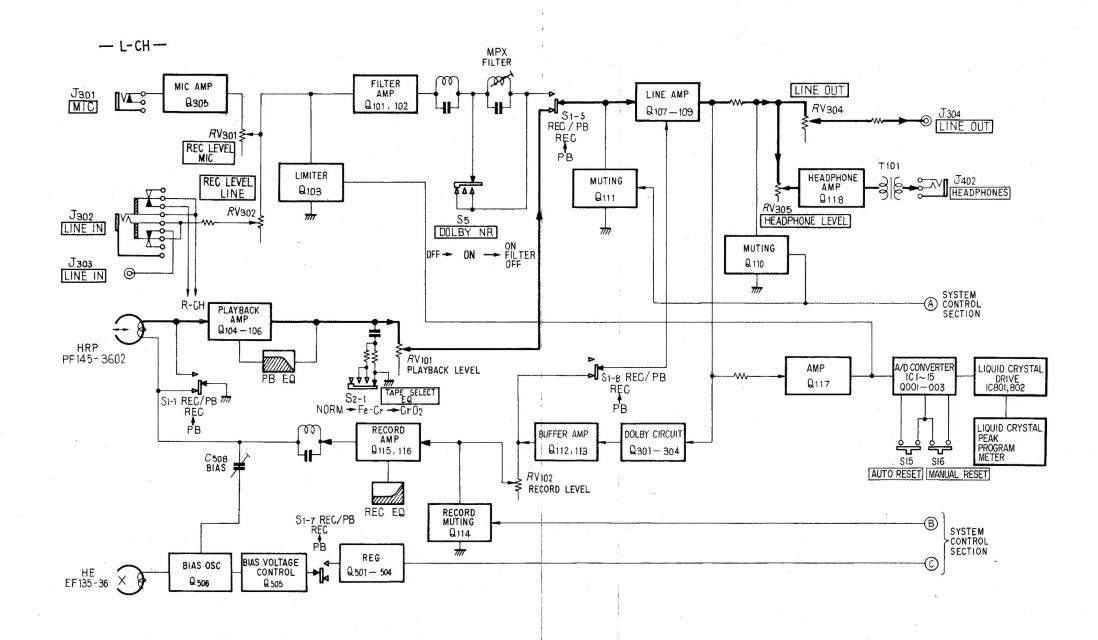
3. Liquid Crystal Cell Structure



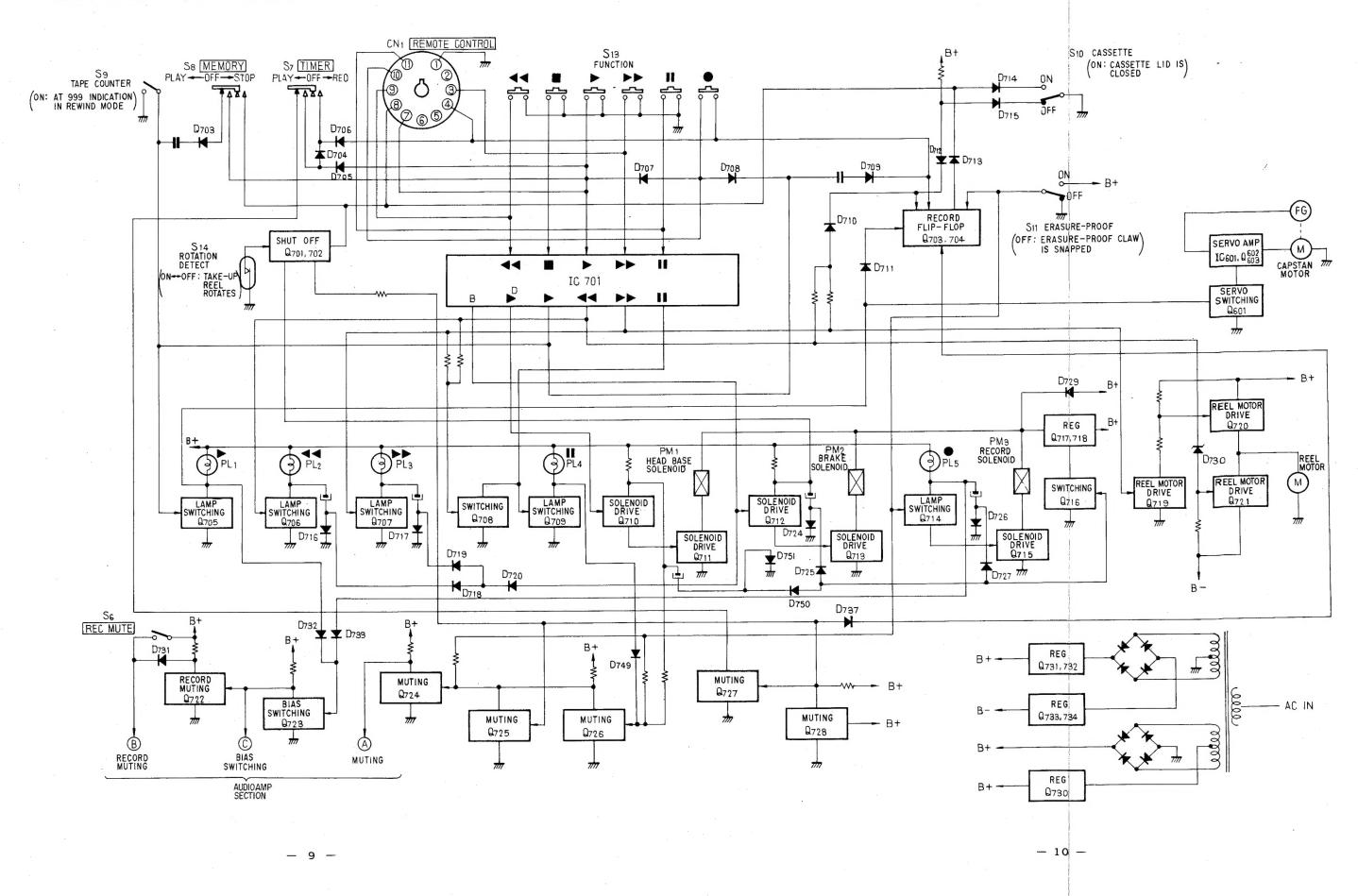
The glass plates employed in this cell are made coated by a transparent, electrically conductive material known as nesa film (which contains indium oxide). The coating is etched to form meter scale. The two plates are separated by a spacing support, and the space between two plates is filled with liquid crystal. The voltage is applied to the electrodes mounted on the inside of the glass plates, and when viewed from the front, the meter display is colored.

The TC-K8/K8B program meter consist of 64 separate elements in both left and right channels. The letters L and R also employ liquid crystal display. The colored polarizing plate is blue below the 0 dB level, and red above it. A fluorescent lamp has been employed as the light source because of the wide light spectrum required for the color display.

1. BLOCK DIAGRAMS - Audio Amp Section -



1. BLOCK DIAGRAMS - System Control Section -



(cm)

MOS IC HANDLING PRECAUTIONS

Since the insulation resistance of the oxidized film of MOS IC is generally very high and the film is extremely thin, the static electric charge on clothing or the body will cause the insulation to breakdown. Observe the following precautions when replacing

1. Maintain all the pins at the same potential by wrapping the IC in aluminum foil or other similar material. (See Fig. 1)

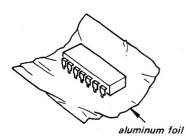
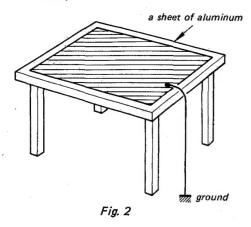


Fig. 1

2. Ground the work bench for static electricity. (See Fig. 2) (Place a sheet of aluminum onto the bench.)



3. If necessary to touch the MOS IC direct, grasp the IC at a point other than the pins. Moreover, wear cotton gloves or a cotton finger sack. (Gloves made of nylon or other similar material are undesirable. The static electricity on your body can be easily discharged by wrapping a ground wire around your wrist.)

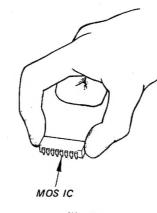
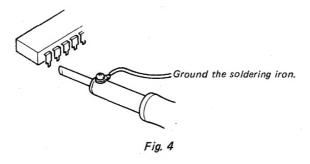
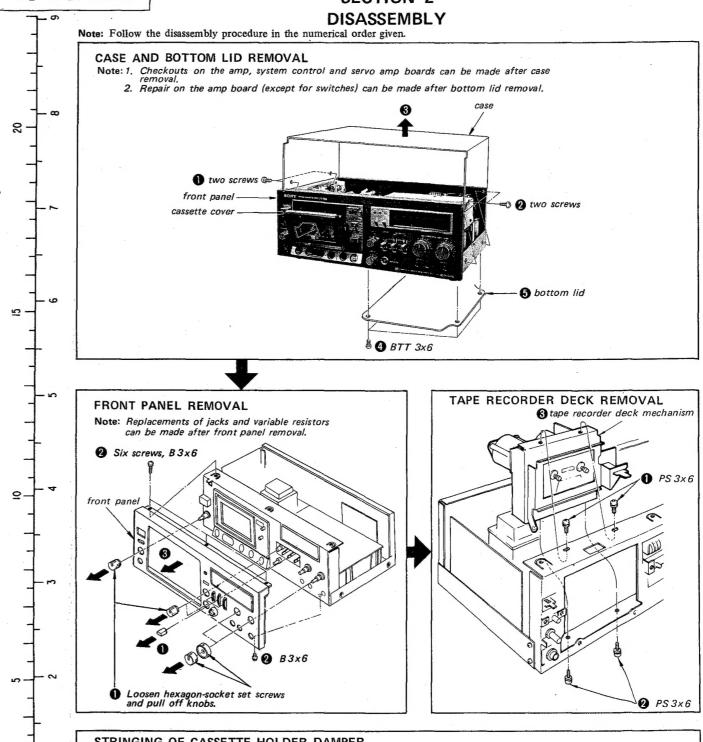
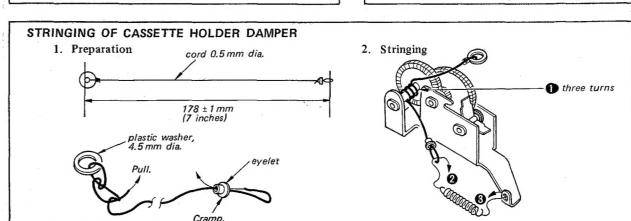


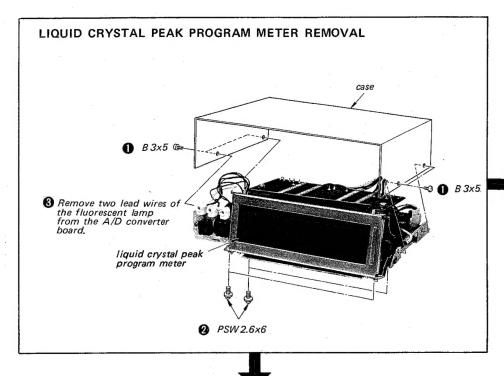
Fig. 3

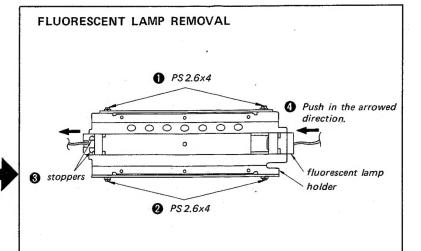
4. Short all the pins of the IC before beginning any work. Also ground the soldering iron.





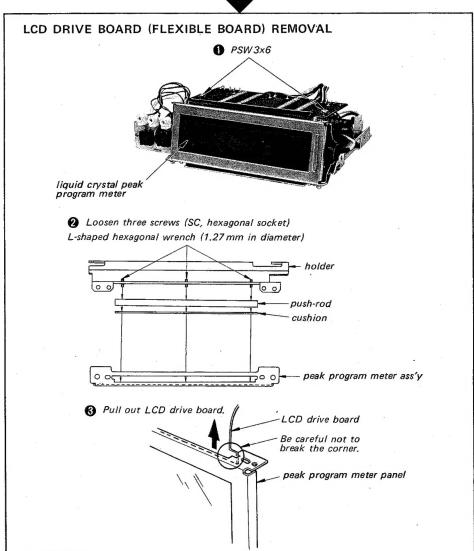






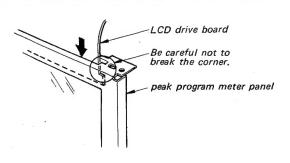
Caution:

Since the LCD drive board is easy to remove, when removing the fluorescent lamp, be careful not to break the corner of the LCD drive board.

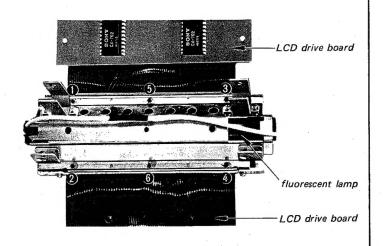


INSTALLATION OF LCD DRIVE BOARD

1. Insert the LCD drive board in the arrowed direction.

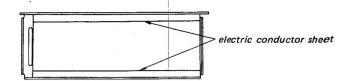


2. Tighten six screws (SC, hexagonal socket) in the numerical order ((1) - (6)).



SERVICING PRECAUTIONS

- * The liquid crystal peak program meter assembly and the LCD (liquid crystal) drive board are connected by electric conductor sheets (the black bands). This conductor plate is "pasted" onto the liquid crystal assembly, and must not be removed during repairs.
- * To check for any defects in the liquid crystal meter and the IC (CX-762), interchange the L-CH and R-CH input connectors to the flexible circuit board
- * Since the LCD drive section is mounted on a flexible circuit board, be particularly careful whenever removing and re-installing.
- * The liquid crystal drive IC (CX-762) is a MOS-IC which also must be handled with considerable care.



- 0.5-1.0 mm

SECTION 3 ADJUSTMENT

PRECAUTION

 Clean the following parts with a denatured-alcoholmoistened swab:

record/playback head erase head

capstan

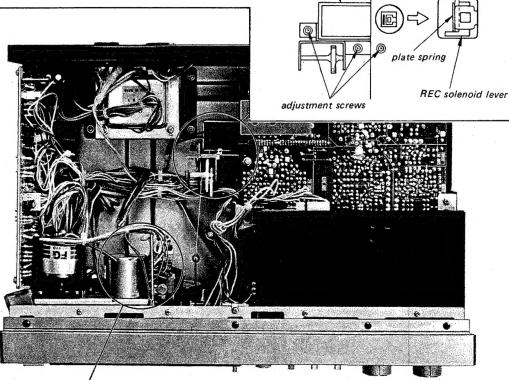
pinch roller rubber belts idlers

- 2. Demagnetize the record/playback head with a head demagnetizer.
- 3. Do not use a magnetized screwdriver for the adjustments.
- 4. After the adjustments, apply a suitable locking compound to the parts adjusted.
- 5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

3-1. MECHANICAL ADJUSTMENTS

Record Solenoid Position Adjustment

Adjust the record solenoid position to obtain the specified clearance between plate spring and record solenoid lever.



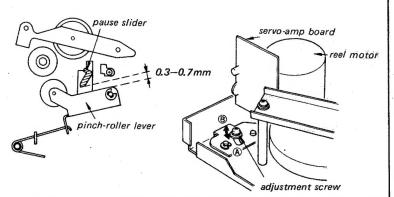
record solenoid (PM3)

Pause Lever Position Adjustment

- PAUSE mode -

Loosen the adjustment screw and slide it in the direction (A) or (B) to obtain the specified clearance as shown below.

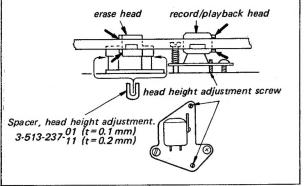
Sliding direction of adjustment screw	Clearance
direction (A)	narrow
direction (B)	wide



Tape Path Adjustment

- playback mode -

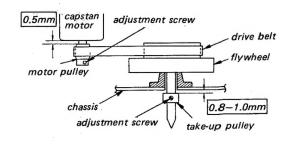
- 1. Adjust erase head height by adding or removing spacer to eliminate tape curl at the erase head.
- Adjust record/playback head height adjustment screw to eliminate tape curl at the record/playback head.

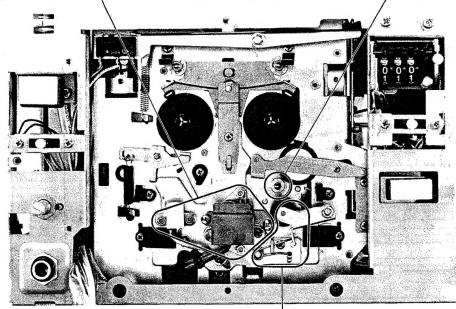


Pulley Height Adjustment

- stop mode -

Adjust position of capstan motor pulley and take-up pulley to obtain the specified clearances as shown below.

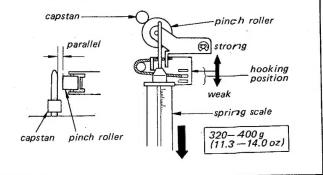




Pinch Roller Pressure Adjustment

- playback mode -

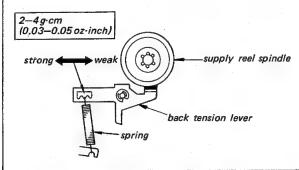
- 1. Pull the spring scale.
- 2. Slowly return the pinch roller and read the spring scale just when the pinch roller starts to rotate.
- 3. If necessary, change the hooking position.



Forward Back Tension Torque Adjustment

- playback mode -

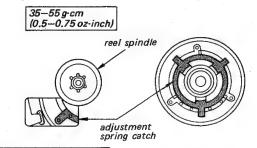
- 1. Place the type CQ-101 cassette torque meter in the set.
- 2. Adjust the spring-hook position to obtain the specified torque.

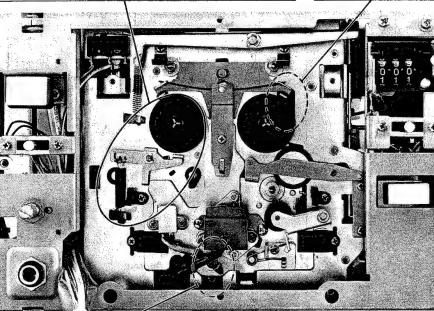


Forward Torque Adjustment

- playback mode -

- 1. Place the type CQ-101 cassette torque meter
- 2. Adjust the position of the adjustment spring catch using a suitable pin and turning the reel spindle to obtain the specified torque.

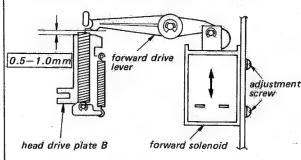




Forward Solenoid Position Adjustment

- playback mode -

Adjust the position of the forward solenoid to obtain the indicated clearance between the forward drive lever and head drive plate B.



Fast Forward and Rewind Torque Measurement

Use type CQ-201 cassette torque meter. Fast Forward Torque: 75-130 g-cm

 $(1.1-1.8 \text{ oz} \cdot \text{inch})$

75-130 g⋅cm

Rewind Torque:

(1.1-1.8 oz-inch)

3-2. ELECTRICAL ADJUSTMENTS

Note: The adjustment should be performed in the order given in this service manual. The adjustments should be performed for both L-CH and R-CH.

Test Equipment/Tools Required:

audio oscillator (af osc) VTVM digital frequency counter speed checker SONY LFM-30 oscilloscope attenuator (600 Ω) non-magnetic screwdriver resistors ... 600Ω ($^{1}/_{4}$ W), $10 k\Omega$ ($^{1}/_{4}$ W), $100 \,\mathrm{k}\Omega \,(^{1}/_{4}\,\mathrm{W})$ blank tapes (completely erased with bulk eraser) SONY CS-10 (HF), CS-20 (CrO₂), CS-30 (Fe-Cr)

BIAS and EQ switch settings in accordance with tape used are as follows.

Tape	BIAS switch	EQ switch
CS-10	NORMAL	NORMAL
CS-20	HIGH	CrO ₂
CS-30	NORMAL	Fe-Cr

SONY test tapes

P-4-A81S (6.3 kHz, -10 dB) $P-4-A82 \quad (10 \text{ kHz}, -10 \text{ dB})$ P-4-L81 (333 Hz, 0 dB) WS-48 (3 kHz, 0 dB)

Switches and controls should be set as follows unless otherwise specified.

DOLBY NR switch:

OFF LINE OUT control: MAX

EQ switch:

NORMAL

BIAS switch:

NORMAL

HEADPHONE LEVEL: MAX

OFF TIMER switch:

MEMORY switch:

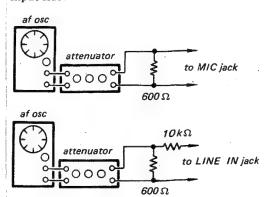
OFF

LIMITER switch:

OFF REC MUTE switch: OFF

Test Equipment Connections:

Input side:



Standard Record:

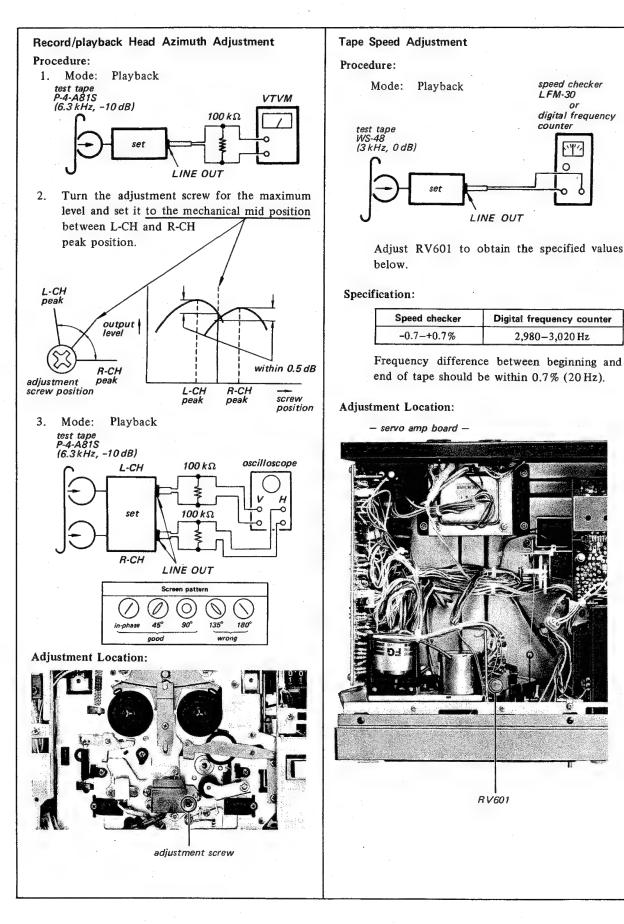
Supply the standard input level signal to the input jack and set the MIC or LINE control to obtain the standard output level signal. Set the LINE control to MIN when MIC is used or set MIC control to MIN when LINE IN is used.

Standard Input Level

	MIC	LINE IN
source impedance	300Ω	10 kΩ
input level	0.77 mV (-60 dB)	0.25 V (-10 dB)

Standard Output Level

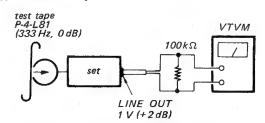
	LINE OUT	HEADPHONES
load impedance	100 kΩ	8Ω
output level	0.775 V (0 dB)	0.12V (-16 dB)



Playback Level Adjustment

Procedure:

1. Mode: Playback



Adjust RV101 (L-CH) and RV201 (R-CH) to obtain 1V (+2 dB) VTVM reading.

 Assure that the LINE OUT level does not change when the mode is changed from playback to stop several times.

Specification:

LINE OUT level:

0.92-1.05 V

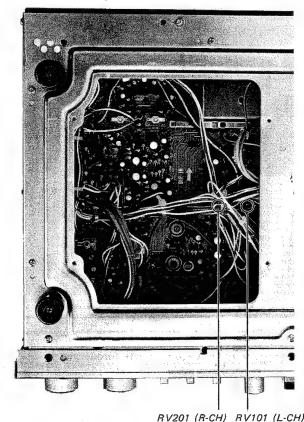
(+1.5-+2.5 dB)

Level difference between channels:

less than 0.5 dB

Adjustment Location:

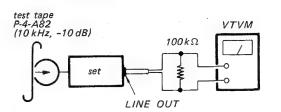
- record/playback board -



Playback Equalizer Adjustment

Procedure:

Mode: Playback

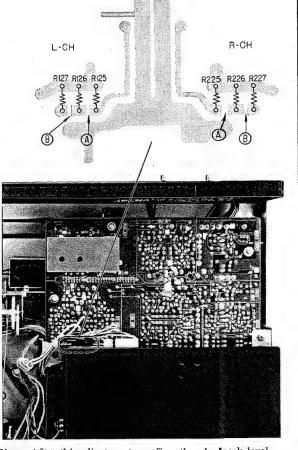


Adjust pattern connections for 0.27-0.37V (-9.5 - -6.5 dB) VTVM reading.

Adjustment Location:

- record/playback board -

Pattern connection	VTVM reading		
(open)	up		
A			
(A) and (B)	down		

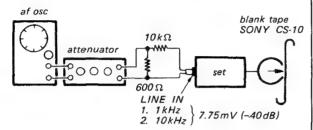


Note: After this adjustment, confirm the playback level.

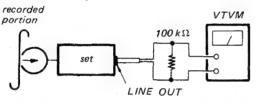
Record Bias Adjustment

Procedure:

1. Mode: Standard record (See page 18.)



2. Mode: Playback



Adjust C508 (L-CH) and C509 (R-CH) to make 10 kHz and 1 kHz signal output levels equal.

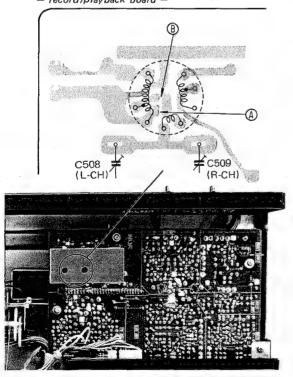
Level difference between the two output levels: within 0.5 dB

Adjustment Location:

Note: Normally, patterns at (A) are bridged.

If adjustment is not made with trimmers fully tightened, remove solder bridge at (A) and bridge patterns at (B), and repeat the adjustment.

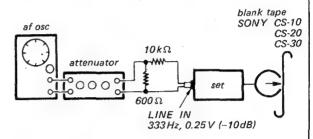
- record/playback board -



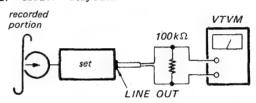
Record Level Adjustment

Procedure:

1. Mode: Standard record (See page 18.)



2. Mode: Playback



Adjust RV102 (L-CH) and RV202 (R-CH) to obtain 0.775 V (0 dB) VTVM reading.

Specification:

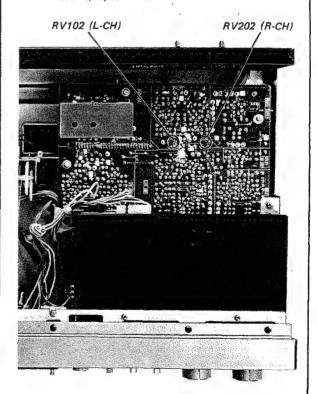
LINE OUT level:

0.73 - 0.81 V

(-0.5-+0.5 dB)

Adjustment Location:

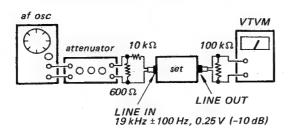
- record/playback board -



MPX Filter Adjustment

Procedure:

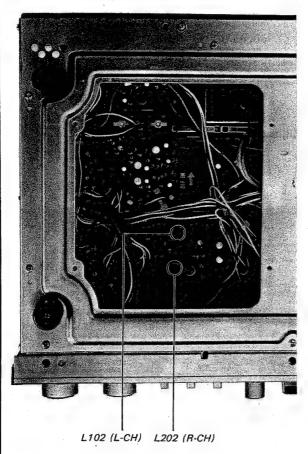
Mode: Standard record (See page 18.)
DOLBY NR switch: ON



Adjust L102 (L-CH) and L202 (R-CH) for 25 mV (-30 dB) or less VTVM reading.

Adjustment Location:

- record/playback board -

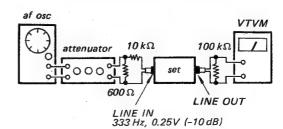


Liquid Crystal Peak Program Meter Offset/Gain Adjustment

Offset Adjustment

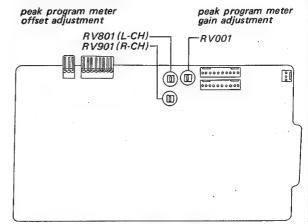
Procedure:

Mode: Standard record (See page 18.)



Adjust RV801 (L-CH) and RV901 (R-CH) so that the indication element of the meter places at $-4 \text{ dB} \pm 1$ element.

Adjustment Location:



- A/D converter board -

Gain Adjustment

Procedure:

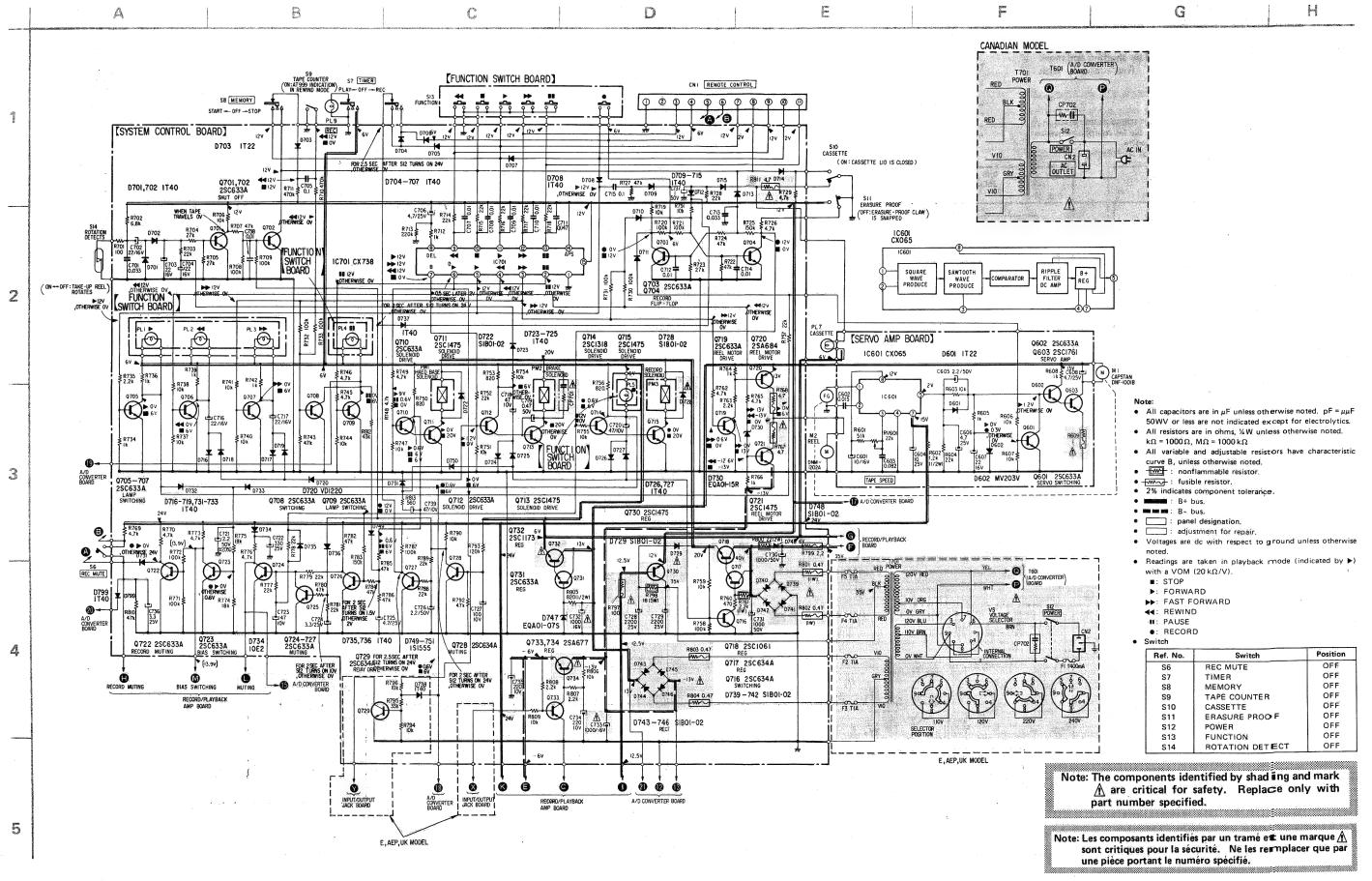
Mode: Standard record (See page 18.)

By varying LINE IN level for the specified LINE OUT level, adjust RV001 so that the indication element places at the following position.

LINE OUT	Indication Element Position
8 dB	4 dB ± 1 element
4 dB	0 dB ± 1 element
-6 dB	-10 dB ± 1 element
-26 dB	-30 dB ± 1 element
-41 dB	the leftmost element only

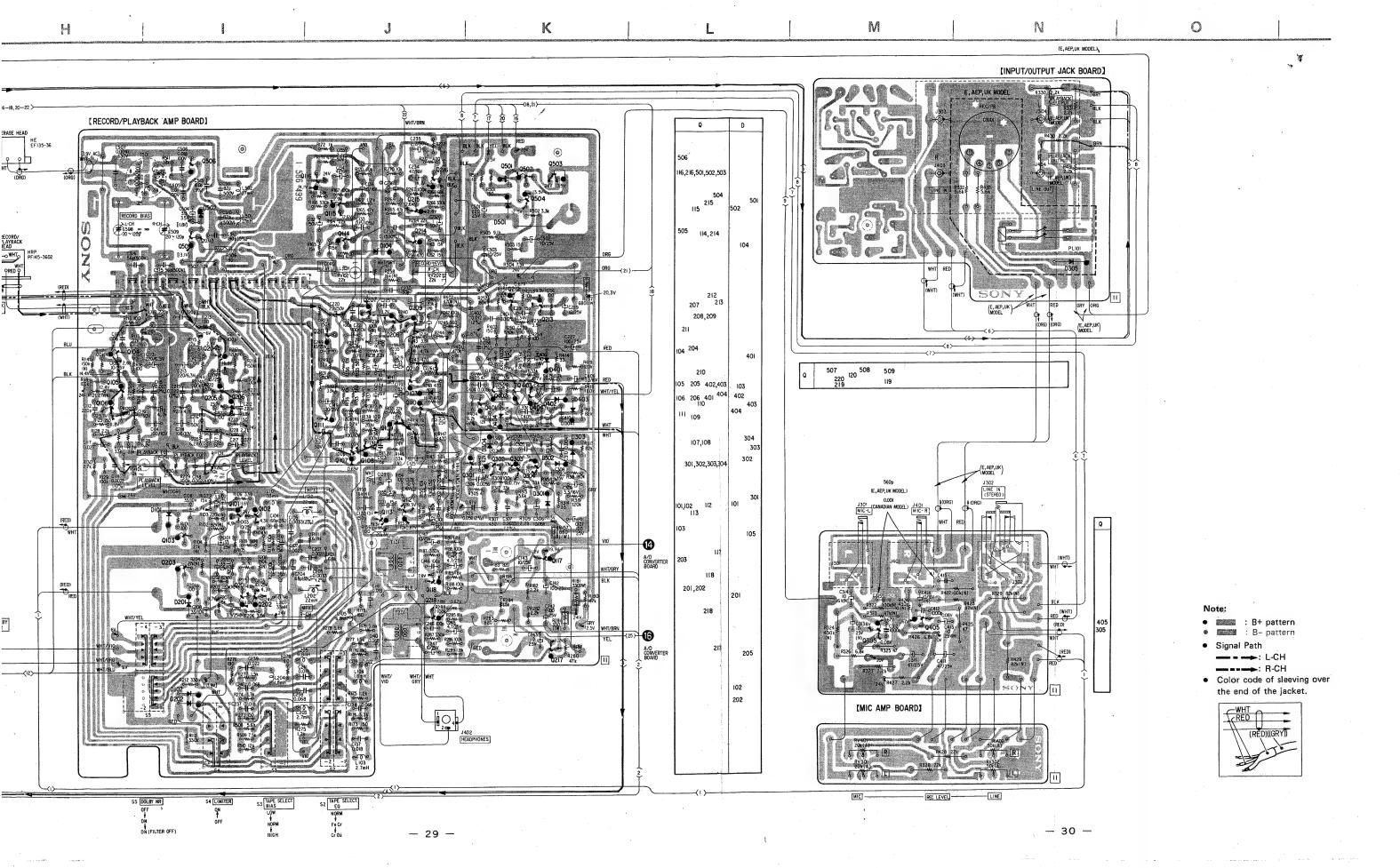
TC-K8/K8B

TC-K8/K8B



System Control, Headphone Level, Line Out, Servo Amp, Function Switch,

Record/Playback, Input/Output Jack, Mic Amp Circuit Board. D (E, AEP, UK MODEL) A/D CONVERTER BOARD [SYSTEM CONTROL BOARD] 0,10 734 727 728 729 735 733,720 [VOLUME BOARD] ⁷³⁶ ₇₃₁ ₇₃₂ 730,725,722 728,727 718 716 703 719 M2 REEL 721 3 [SERVO AMP BOARD] 704,712 10601 CX065 PL6
DOLBY
NR [HEADPHONE LEVEL BOARD]



4-4. MOUNTING DIAGRAMS - Conductor Side -

A/D Converter, LCD Drive Circuit Board

• A/D CONVERTER BOARD

Replacement Semiconductors

For replacement, use semiconductors except in ().

IC1-3, 5: μPC4558C (μPC4558) IC4, 11: μPC1458C (μPC1458)



IC6: TC4024P (TC4024) IC7-9: CD4069 IC12: TC4081P (TC4081) IC13: TC4068P (TC4068)



IC15: μPC78L05



IC16: μΑ79M05



IC801, 802, 901, 902: CX762



Q001-003, 801: 2SC1364 (2SC1363)



D001-004 D801, 810 : 1S1555



• RECORD/PLAYBACK AMP BOARD

Replacement Semiconductors

For replacement, use semiconductors except in ().

C101, 102, 104—107 C112, 305, 201, 202 C204—207, 212, 405 C108, 109, 208, 209: 2SC1364 (2SC1345) C103, 110, 111 C114—118, 203, 210 C211, 214—218 C301—304, 401—404 C504, 505, 728 C502: 2SC1364 (2SC633A)



Q113, 213: 2SA678 (2SA677)



Q501: 2SK30A



Q503: 2SC1061



Q506: 2SC1475 (2SC1318)



D101, 201: 10E2 (V06C) D102, 202): 1S1555 (1T40) D301, 302 D401, 402 D303, 304 D403, 404}: 1S1555



D103, 104 D203, 204 D501: EQB01-11Z (EQA01-11) EQB01-12Z (EQA01-12S)



• SYSTEM CONTROL BOARD

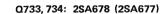
Replacement Semiconductors

For replacement, use semiconductors except in ().

Q601, 602, 701-710 Q712, 719, 722-729 : 2SC1364 (2SC633A) D701, 702, 704-707 D709-721, 723-727 D731-733, 735-738 : 1S1555 (1T40) D749-751, 799 D722, 728, 729 D739-746, 748 : 10E2 (SIB01-02) D734: D601, 703, 708: 10E2 T722AM (1T22)

D730: EQB01-15 (EQA01-15R)
D747: EQB01-07 (EQA01-07S)

D602: MV203V





Q718: 2SC1061 Q732: 2SC1173



Q711, 713–715 Q721, 730 Q714: (2SC1318)



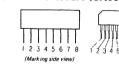
Q603: 2SC1760 (2SC1761)



Q720: 2SA684

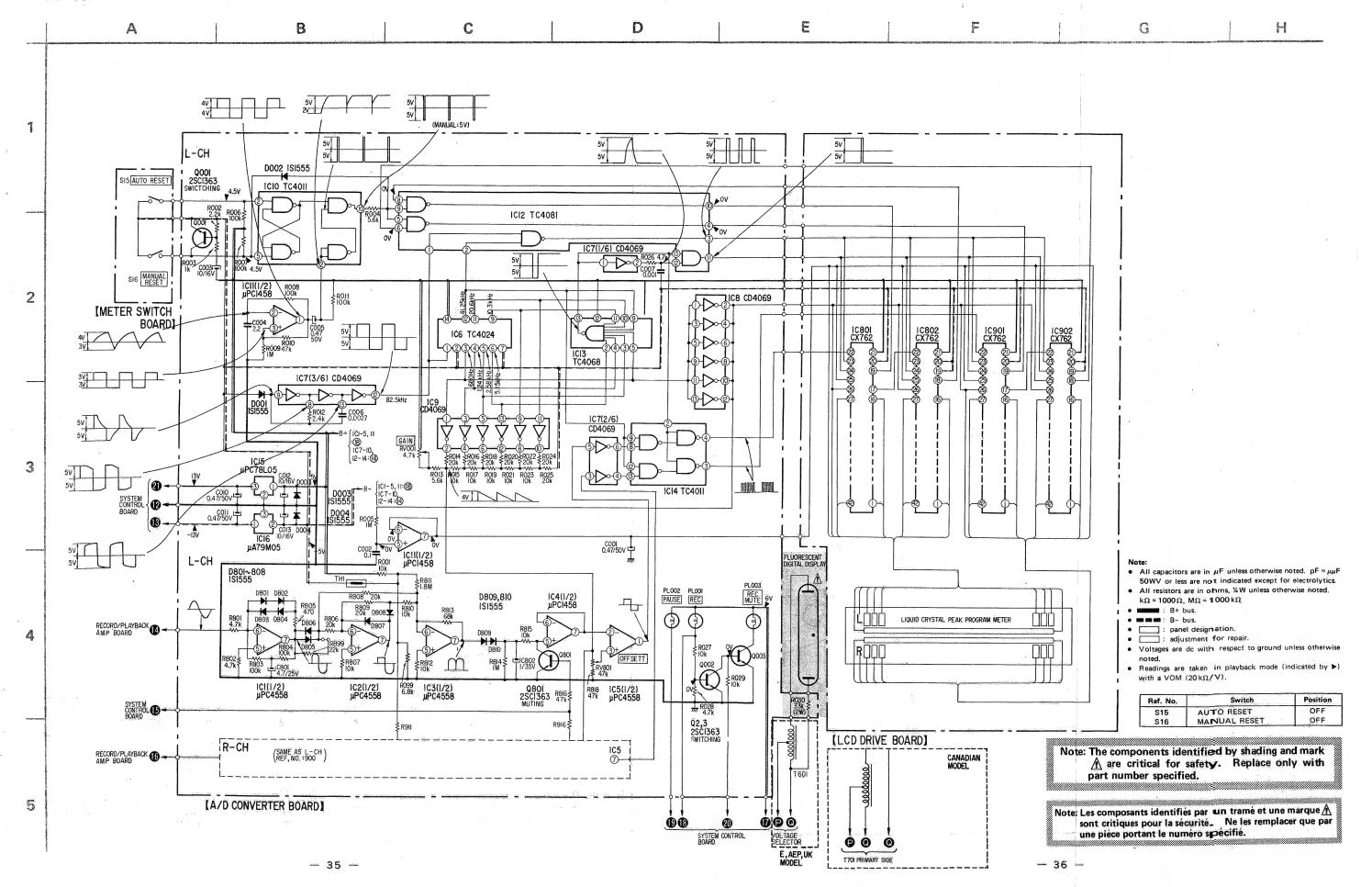


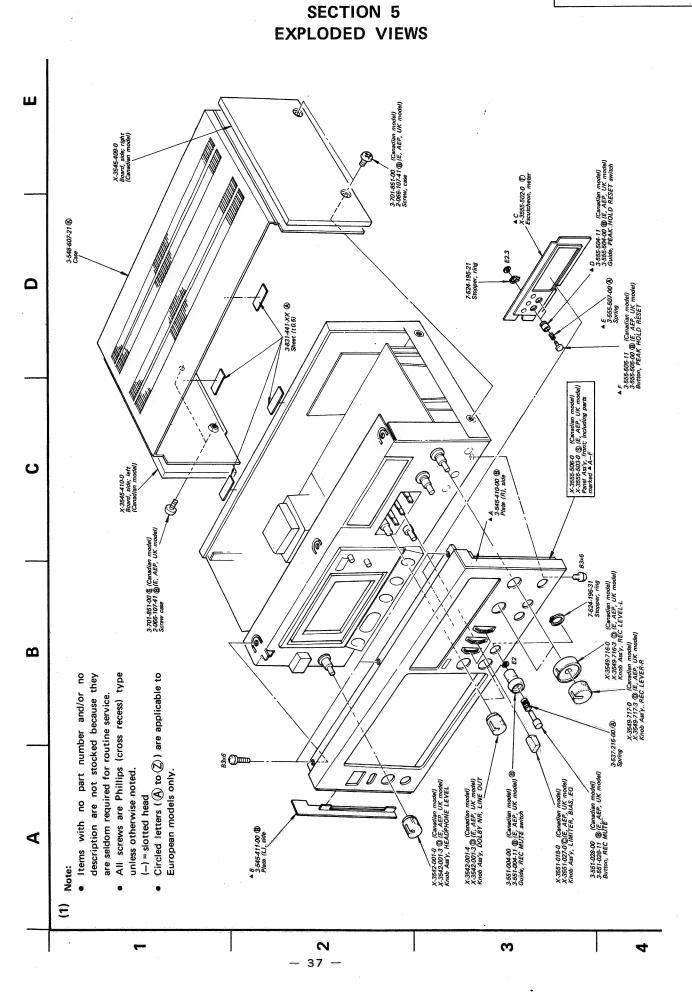
IC601: CX065A (CX065)

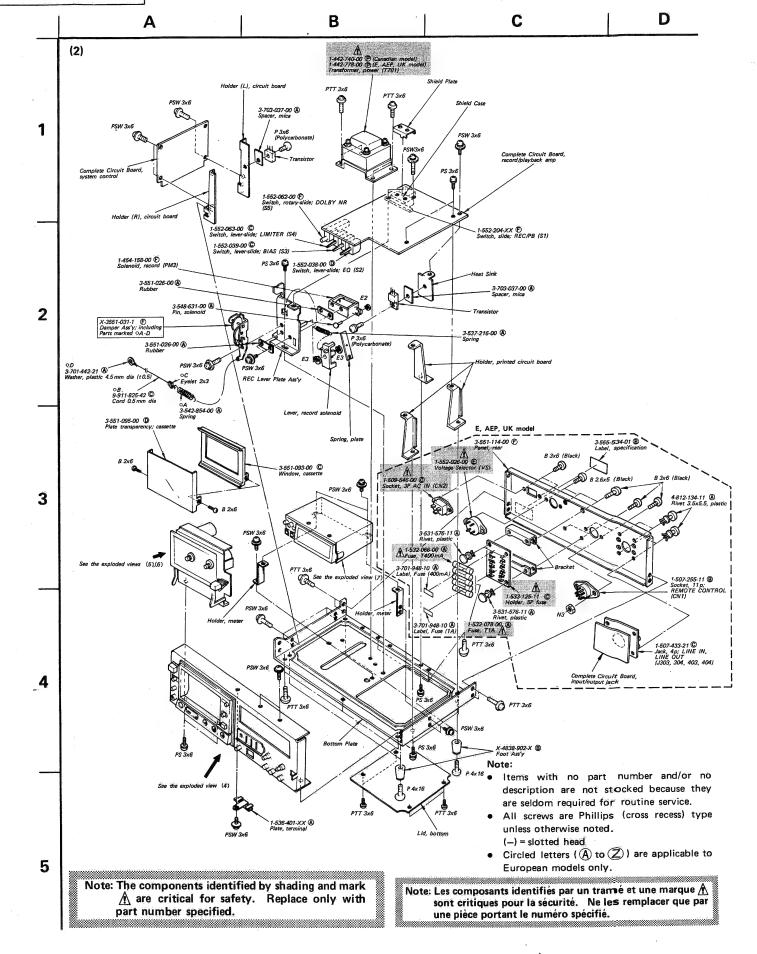


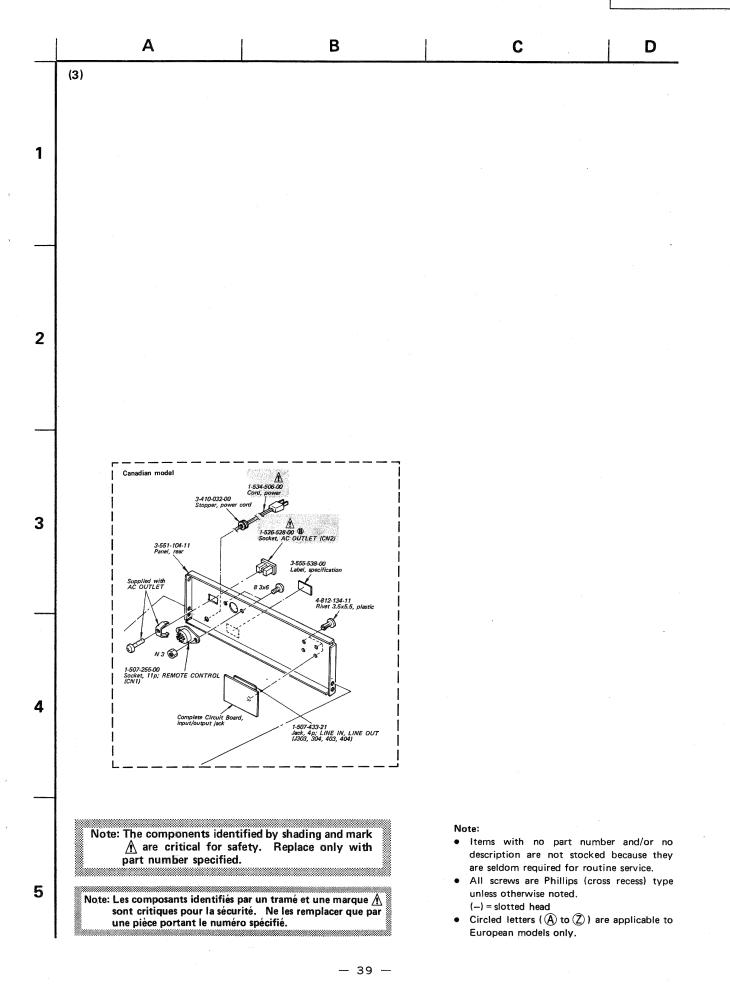
IC701: CX738A (CX738)

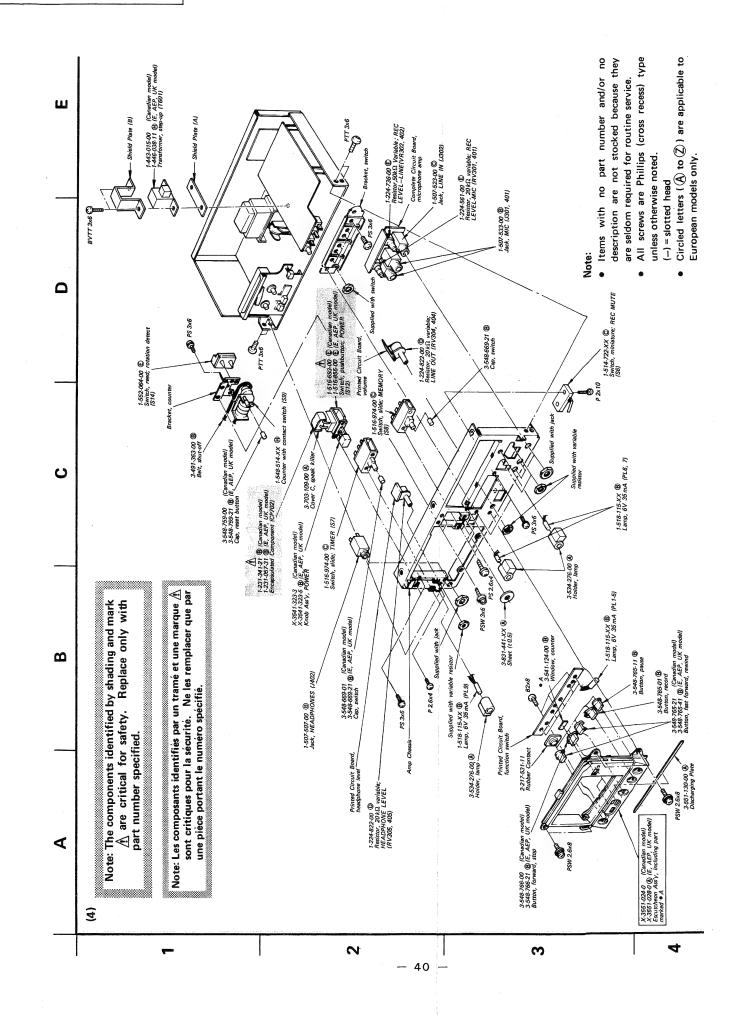


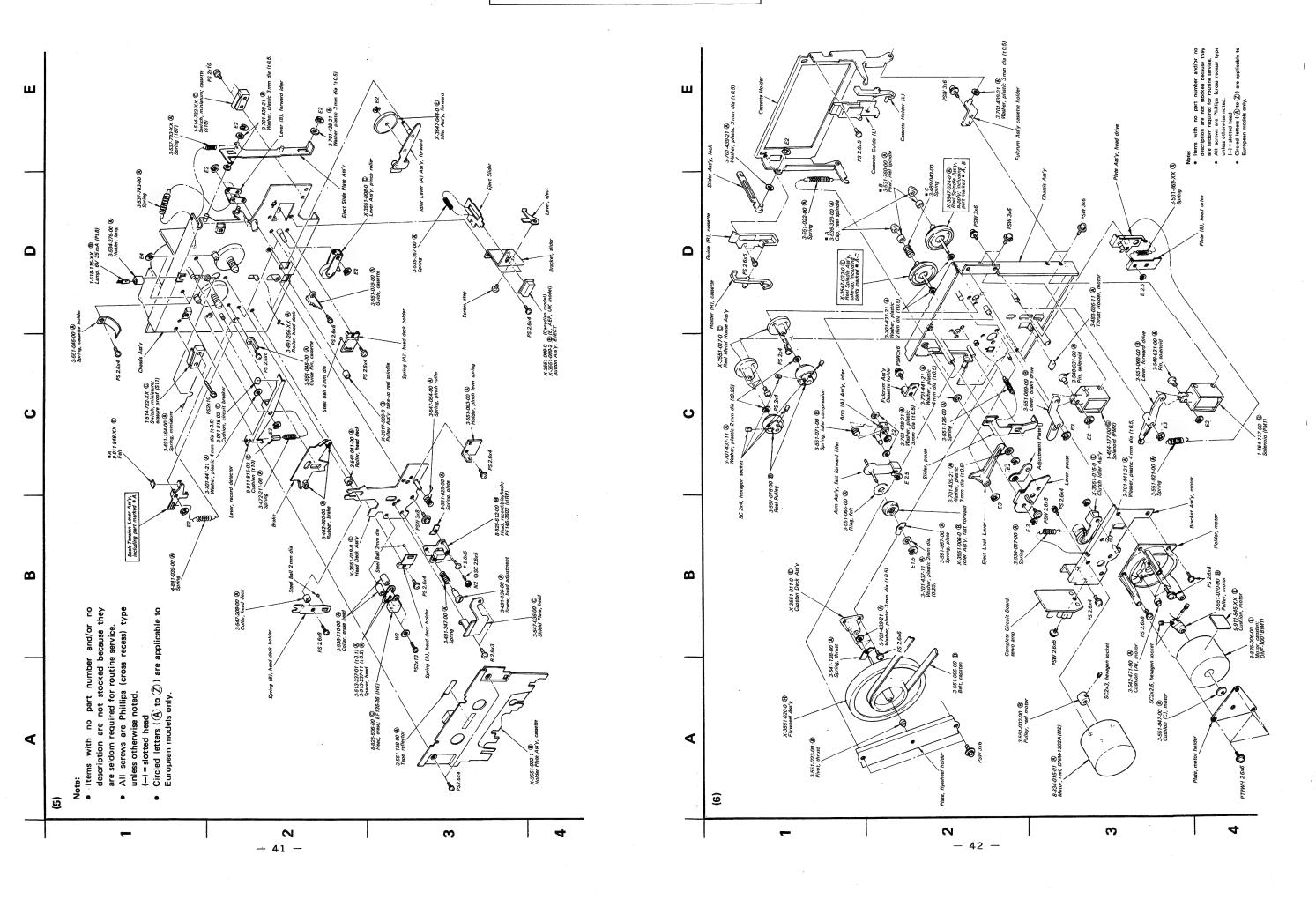


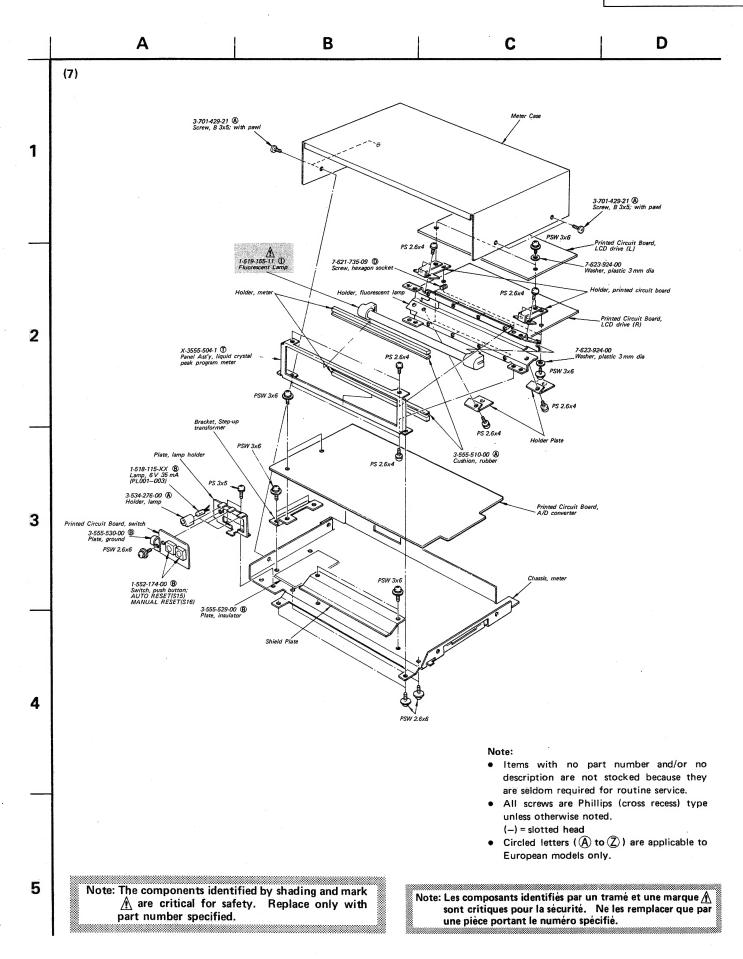












1/4 WATT CARBON RESISTORS (A)

Note: Circled letter (A) is applicable to European model only.

					7 4 1771						European m	odero	шу.
Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.
1.0	1-244-601-11	10	1-244-625-11	100	1-244-649-11	1.0k	1-244-673-11	10 k	1-244-697-11	100 k	1-244-721-11	1.0M	1-244-745-11
1.1	1-244-602-11	11	1-244-626-11	110	1-244-650-11	1.1k	1-244-674-11	11 k	1-244-698-11	110 k	1-244-722-11	1.1M	1-244-746-11
1.2	1-244-603-11	12	1-244-627-11	120	1-244-651-11	1.2k	1-244-675-11	12 k	1-244-699-11	120 k	1-244-723-11	1.2M	1-244-747-11
1.3	1-244-604-11	13	1-244-628-11	130	1-244-652-11	1.3k	1-244-676-11.	13 k	1-244-700-11	130 k	1-244-724-11	1.3M	1-244-748-11
1.5	1-244-605-11	15	1-244-629-11	150	1-244-653-11	1.5k	1-244-677-11	15 k	1-244-701-11	150 k	1-244-725-11	1.5M	1-244-749-11
									1-244-702-11	1601	1 044 706 11	, 6M	1-244-750-11
1.6		1	1-244-630-11		1-244-654-11	1 1		ŧ .		1			
1.8		18	1-244-631-11		1-244-655-11	l- I			1-244-703-11				
2.0	1-244-608-11	20	1-244-632-11		1-244-656-11				1-244-704-11			H 1	
2.2	1-244-609-11	22	1-244-633-11	220	1-244-657-11				1-244-705-11				
2.4	1-244-610-11	24	1-244-634-11	240	1-244-658-11	2.4k	1-244-682-11	24 k	1-244-706-11	240 k	1-244-730-11	2.4M	1-244-754-11
2.7	1-244-611-11	27	1-244-635-11	270	1-244-659-11	2.7k	1-244-683-11	27 k	1-244-707-11	270 k	1-244-731-11	2.7M	1-244-755-11
3.0		30	1-244-636-11			1 1	1-244-684-11		1-244-708-11				
3.3		33	1-244-637-11	330			1-244-685-11		1-244-709-11		1-244-733-11		
3.6	1		1-244-638-11				1-244-686-11		1-244-710-11		1-244-734-11		
3.9	1	39	1-244-639-11			1	1-244-687-11		1-244-711-11	390 k	1-244-735-11	3.9M	1-244-759-11
"	1 244 010 11	"											
4.3	1-244-616-11	43	1-244-640-11	430	1-244-664-11	1 1			1-244-712-11				
4.7	1-244-617-11	47	1-244-641-11	470			1-244-689-11		1-244-713-11				
5.1	1-244-618-11	51	1-244-642-11	510	1-244-666-11				1-244-714-11			5.1M	1-244-762-11
5.6	1-244-619-11	56	1-244-643-11	560	1-244-667-11	5.6k	1-244-691-11	56 k	1-244-715-11	560 k	1-244-739-11		
6.2	1-244-620-11	62	1-244-644 11	620	1-244-668-11	6.2k	1-244-692-11	62 k	1-244-716-11	620 k	1-244-740-11		
	1-244-621-11	68	1-244-645-11	680	1-244-669-11	6 8 1	1-244-603-11	68 k	1-244-717-11	680 k	1-244-741-11		
6.8		75	1-244-646-11				1-244-694-11		1-244-718-11				
7.5						1 1	1-244-695-11		1-244-719-11	1			
8.2		82	1-244-647-11	l 1					1-244-719-11				
9.1	1-244-624-11	91	1-244-648-11	910	1-244-0/2-11	9.1K	1-244-696-11	21 K	1-244-120-11	310 K	1 244-144-[1		
			L						L				

HARDWARE NOMENCLATURE

Trew:

- P 3 x 10

- L: Length in mm

- D: Diameter in mm

- Type of head

- Indicated slotted-head only.

Unless otherwise indicated, it means

cross-recessed head (Phillips type).

Reference Designation	Shape	Description	Remarks
		SCREWS	
P	₽	pan-head screw	binding-head (B) screw for replacement
PWH	€	pan-head screw with washer face	binding-head (B) screw and flat washer for replacement
PS PSP	(pan-head screw with spring washer	binding-head (B) screw and spring washer for replace- ment
PSW PSPW	(181) -	pan-head screw with spring and flat washers	binding-head (B) screw and spring and flat washers for replacement
R	₽	round-head screw	binding-head (B) screw for replacement
Κ .	Þ	flat-countersunk-head screw	
RK	€	oval-countersunk-head screw	
В	₽	binding-head screw	
T	+	truss-head screw	binding-head (B) screw for replacement
F	₽⊃	flat-fillister-head screw	
RF	€⊒•	fillister-head screw] .
BV	€3-	braizer-head screw	

Washer, Retaining ring:

N 3

Light Diameter of usable screw or shaft

- Reference designation

Reference Designation Remarks Description SELF-TAPPING SCREWS ex: TA, P 3 x 10 TA self-tapping screw binding-head self-tapping (TA, B) screw for pan-head self-tapping binding-head self tapping (TA, B) screw and flat washer for replacement pan-head self-tapping screw with washer face binding-head (B) screw and flat washer for replacement pan-head thread-rolling screw with washer face SET SCREWS set screw SC ex: SC 2.6 x 4, hexagon socket hexagon-socket set screw -0---flat washer \odot SW **-⊚-1**spring washer LW ex: LW3, internal internal-tooth lock washer ex: LW3, external external-tooth lock washer LW RETAINING RINGS retaining ring G grip-type retaining ring

Circled letters (A) to D) are applicable to European models only.

SECTION 6 **ELECTRICAL PARTS LIST**

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
-	CEMIC	PONDLICTORS	⇒ Q731	8-729-663-47	B 2SC1364
	SEMIC	CONDUCTORS		8-729-217-33	© 2SC1173
	_		Q732 ZIS ⇒ Q733	8-727-788-00	B 2SA678
		ransistors	\$589 PHOTHER AWAY CONTINUES	8-727-788-00	B 2SA678
	0.700.660.47	(P) 2951264	⇒ Q734 <u>/</u> ^	4 0-121-100-00	25,1676
⇒ Q001-003	8-729-663-47	(B) 2SC1364	⇒ Q801	8-729-663-47	B 2SC1364
$\Rightarrow Q101,201$ $\Rightarrow Q102,202$	8-729-665-47	B 2SC1362	·		ICs
⇒ Q103,203	8-729-663-47	B 2SC1364			
⇒ Q104-107			⇒ IC1-3	8-759-145-58	μPC4558C
\Rightarrow Q204-207	8-729-665-47	B 2SC1362	⇒ IC4	8-759-114-58	μPC1458C
. 220.			⇒ IC5	8-759-145-58	μPC4558C
⇒ Q108-111			⇒ IC6	8-759-240-24	TC4024P
\Rightarrow Q208-211	8-729-663-47	B 2SC1364	IC7-9	8-759-940-69	CD4069
⇒ O112,212	8-729-665-47	B 2SC1362			
⇒ Q113,213	8-727-788-00	B 2SA678	⇒ IC10	8-759-240-11	TC4011P
⇒ Q114-120,		,	⇒ IC11	8-759-114-58	μPC1458C
\Rightarrow Q214-220	8-729-663-47	B 2SC1364	⇒ IC12	8-759-240-81	TC4081P
Q			⇒ IC13	8-759-240-68	TC4068P
⇒ Q301-304			⇒ IC14	8-759-240-11	TC4011P
\Rightarrow Q401-404)	8-729-663-47	B 2SC1364			
⇒ Q305,405	8-729-665-47	B 2SC1362	IC15	8-759-178-05	μPC78L05
2000,			IC16	8-759-979-05	μΑ79Μ05
⇒ Q501	8-729-203-04	® 2SK30A			
⇒ Q502	8-729-663-47	B 2SC1364	⇒ IC601	8-759-600-65	©CX065A
	8-729-316-12	① 2SC1061			
$\Rightarrow Q504,505$	8-729-663-47	B 2SC1364	⇒ IC701	8-759-107-38	① CX738A
⇒ Q506	8-760-413-10	B 2SC1475			
⇒ Q507-509	8-729-663-47	® 2SC1364	IC801,802 IC901,902	8-759-907-62	CX762
⇒ Q601,602	8-729-663-47	B 2SC1364			
⇒ Q603	8-763-314-00	© 2SC1760			Diodes
⇒ Q701-710	8-729-663-47	B 2SC1364	D001-004	8-719-815-55	B 1S1555
Q711	8-760-413-10	B 2SC1475			
⇒ Q712	8-729-663-47	B 2SC1364	⇒ D101,201	8-719-200-02	B 10E2
Q713-715	8-760-413-10	© 2SC1475	⇒ D102,202	8-719-815-55	B 1S1555
\Rightarrow Q716,717	8-729-663-47	B 2SC1364	⇒ D103,104	0.710.000.11	© FORM 117
→ Q/10,/1/	0 /25 005 11	3 -2 · 2 · · ·	$\Rightarrow D203,204$	8-719-930-11	B EQB01-11Z
Q718 <u>/</u>	8-729-316-12	D 2SC1061	⇒ D105,205	8-719-422-21	(A) 1T22AM
⇒ Q719	8-729-663-47	B 2SC1364			
Q720	8-729-468-43	© 2SA684	⇒ D301,401	0.710.100.01	(A) 17700 134
Q721	8-760-413-10	® 2SC1475	\Rightarrow D302,402)	8-719-422-21	(A) 1T22AM
$\Rightarrow Q722 - 728$	8-729-663-47	B 2SC1364	D303,403	0.010.015.55	(C) 191555
⇒ Q722 728 ⇒ Q729	8-729-663-47	B 2SC1364 (E, AEP, UK model)	D304,404)	8-719-815-55	B 1S1555
To the property of the contract of the contrac	8-760-413-10	© 2SC1475	⇒ D305	8-719-815-55	(B) 1S1555 (E, AEP, UK model)
4		SERVICE CHESTORY CHESTON CONTRACTOR	1		- -

^{⇒:} Due to standardization, interchangeable replacements may be substituted for parts specified in the diagrams.

Note: The components identified by shading and mark A are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un tramé et une marque 🛧 sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description
⇒ D501	8-719-930-12	® EQB01-12Z
⇒ D502		® 1S1555
⇒ D601	8-719-422-21	(A) 1T22AM
⇒ D602	8-719-920-30	® MV 203V
⇒D701,702	8-719-815-55	B 1S1555
⇒ D703	8-719-422-21	(A) 1T22AM
\Rightarrow D704-707	8-719-815-55	B 1S1555
⇒ D708	8-719-422-21	(A) 1T22AM
⇒ D709-721	8-719-815-55	® 1S1555
⇒ D722	8-719-200-02	B 10E2
⇒ D723-727	8-719-815-55	B 1S1555
⇒D728 /	8-719-200-02	B 10E2
⇒ D729 <u>^</u>	8-719-200-02	B 10E2
⇒ D730	8-719-931-15	B EQB01-15
⇒ D731-733	8-719-815-55	B 1S1555
	8-719-200-02	B 10E2
	8-719-815-55	B 1S1555
⇒ D738	8-719-815-55	B 1S1555 (E, AEP, UK model)
⇒ D739–746 ∠	8-719-200-02	® 10E2
⇒ D747	8-719-931-07	® EQB01-07
	8-719-200-02	B 10E2
⇒ D749-751	8-719-815-55	® 1S1555
D801-810	8-719-815-55	® 1S1555
Th1	1-800-202-XX	Thermistor, S-10K
		COILS
L101,201	1-407-879-00	B 33 mH, microinductor
L102,202	1-407-240-00	B 22 mH, variable inductor
L103,203	1-407-199-XX	
L104,204	1-407-197-XX	_
L105,205	1-407-204-XX	® 6.8 mH, microinductor
L501,502	1-407-211-XX	(A) 27 mH, microinductor
	TRA	ANSFORMERS

^{⇒:} Due to standardization, interchangeable replacements may be substituted for parts specified in the diagrams.

T101,201 1-427-284-00 © Output

Note: The components identified by shading and mark A are critical for safety. Replace only with part number specified. Note: Circled letters (A to 2) are applicable to European models only.

Ref. No.	Part No.	De	scription	1
T501	1-433-132-11	© Osc		
T601	(1-446-038-00 (1-443-015-00	(H) Step-up (e, aep,	UK model)
1001	1-443-015-00	Step-up (Canadia	n model)
T701 {	<u> </u>	Power (E,	AEP, U	JK model)
1701	<u>1-442-740-00</u>	Power (C	anadian	model)
	CA	PACITORS		
	all capacitors are in	uF and cers	mic un	less
0	therwise noted.			
5 e	OWV or less are n lectrolytics. pF: µ	ot indicated μF, elect=el	except f ectrolyt	or ic
C001	1-121-726-11	B 0.47	50 V	elect
C002	1-108-603-12	B 0.1		mylar
C003	1-121-968-11	B 10	16 V	
C004	1-123-230-11	B 2.2	50 V	
C005	1-121-726-11	B 0.47	50 V	elect
C006	1-102-122-11			
C007	1-102-074-11			
C010,011	1-121-726-11	_	50V	elect
C012,013	1-121-968-11	B 10	16 V	elect
C101,201	1-121-404-11	B 33	25 V	
C102,202	1-121-913-11	B 3.3	25 V	
C103,203	1-121-398-11	B 10	25 V	
C104,204	1-107-081-11	B 68p		silvered mica
C105,205	1-129-794-11	B 0.0033		polyethylene
C106,206	1-108-569-12	® 0.0039		mylar
C107,207	1-108-563-12	B 0.0022		mylar
C108,208	1-121-402-11	B 33	10V	
C109,209	1-121-398-11	B 10	25 V	elect
C110,210	1-102-110-11	A 220p		
C111,211	1-102-106-11	A 100p		
C112,212	1-102-110-11			
C113,213	1-121-419-11	B 220	6.3 V	elect
C114,214	1-121-414-11	B 100	10V	
C115,215	1-130-072-11	® 0.022	100V	polystyrol
C116,216	1-121-391-11	B 1	50V	
C117,217		® 0.027		mylar

Note: Les composants identifiés par un tramé et une marque 🛕 sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié. Note: Circled letters (A) to (2) are applicable to European models only.

Note:	Circled letters (A to D) are applicable to
	European models only.

Ref. No.	Part No.	Descri	ption	Ref. No.	Part No.	Des	cripti	<u>on</u>	Ref. No.	Part No.		Descript	<u>ion</u>	Ref. No.	Part No.	Description
C118,218 C119,219	1-108-230-12 A 0 1-121-404-11 B 3		mylar V elect	C311,411 C312,412	1-121-410-11 1-102-074-11	_	25 V	elect	C714	1-161-013-11	(A) 0.01		ceramic (boundary layer)			(A) 2.2 k 1W 5% metal oxide (B) 4.7
C120,220	1-121-450-11 B 2		V elect	C313,413	1-121-748-11	-	25 V	elect	C715	1-161-025-11	® 0.1		ceramic			B 100 ¼W fusible
C121,221	1-102-106-11 A 1			C314,414	1-121-916-11	_	16 V	elect					(boundary layer)		1-217-301-11	18 5W wirewound
C122,222	1-121-414-11 B 1	_	V elect			(A) 560p (E,	AEP,	UK model)	C716,717	1-121-479-11	B 22	16 V	elect			B 2.2 ¼W 5% fusible
				C315,415	1-102-074-11	(A) 0.001 (Car	nadiar	model)	C718	1-121-352-11	B 47	10V	elect	-		
C123,223	1-102-956-11 (A) 1	5 p				<u>.</u>			C719	1-121-726-11	® 0.47	50V	elect			B 22 2W metal oxide
C124,224	1-121-651-11 B 1) 16	V elect	C501	1-121-422-11	_		elect								B 0.37 1W fusible
C125,225	1-121-398-11 B 1	25	V elect	C502,503	1-121-398-11	~	25 V		C720	1-121-352-11	-	10V	elect	R803,804 /		B 0.47 ¼W fusible
C126,226	1-121-392-11 B 3		V elect	C504	1-131-218-11	_	35 V		C721	1-121-986-11	_		elect	R805		A 820 ½W carbon
C127,227	1-121-416-11 B 1	00 25	V elect	C505	1-108-377-12	_		mylar	C722	1-121-654-11	_		elect	R811 /	1-217-383-11	B 4.7 ¼W fusible
	_			C506	1-108-380-12	(A) 0.018 1	00 V	mylar	C723	1-121-975-11	_		elect			
C128,228	1-121-651-11 B 1		V elect			0'			C724	1-121-392-11	B 3.3	25 V	elect	RV001	1-224-251-XX	© 4.7 k, adjustable
C129,229	1-121-398-11 B 1		V elect	C507		® 0.0047 6	30 V	polyethylene								
C130,230	1-102-108-11 (A) 1			C508,509	1-141-010-XX	•		trimmer	C725	1-121-395-11	_	25 V				B 10 k, adjustable
C131,231	1-102-956-11 (A) 1			C510,511	1-107-037-11	-		silvered mica	C726	1-121-986-11	_		elect	RV102,202	1-224-646-XX	B 22 k, adjustable
C132,232	1-121-391-11 B 1	50	V elect	C512,513	1-107-137-11	_		silvered mica	C727	1-121-976-11			elect		1 221 551 22	© 201i-ble DEC LEVEL MIC
				C514,515	1-107-165-11	(B) 26 p		silvered mica		1-123-067-11			elect			© 20 k, variable; REC LEVEL MIC
C133,233	1-108-252-12 B 0		mylar	9604	1 101 (61 11	© 10	1637	-14	C/30,/31 /	1-123-061-11	· (C) 1000	3 5UV	elect	RV302,402	1-224-736-00	© 50 k/50 k, variable; REC LEVEL
C134,234	1-121-409-11 B 4			C601	1-121-651-11	•	16 V	elect	5300 500 L		@ 1000	1,531		D1/204 404		LINE 20 k/20 k, variable; LINE OUT
C135,235	1-121-450-11 B 2		1	C602	1-108-583-12	~	0037	mylar	Petron purchase and married and reserved and	1-121-944-11		Printed States of the State of	elect	RV304,404	1-224-822-00	D HEADPHONE LEVEL
C136,236	1-121-651-11 B 1		V elect	C603	1-130-134-11	•		polyethylene elect	C734,735	1-121-420-11	_	25 V	elect	RV305,405		HEADTHONE LEVEL
C137,237	1-108-585-12 B 0	018	mylar	C604	1-121-398-11 1-121-986-11			elect	C736	1-121-392-11 1-121-391-11	-		elect	D3/601	1 224 401 00	B 22 k, adjustable
G100 000	1 100 500 10 10 0	060		C605	1-121-960-11	B) 2.2	30 V	elect	C737 C738	1-121-391-11	-	30 V	ceramic	RV601	1-224-491-00	B 22 k, adjustable
C138,238	1-108-599-12 B 0 1-108-587-12 B 0		mylar	0606	1-121-395-11	(P) 4.7	25 V	elect	C/36	1-101-015-11	(A) 0.01		(boundary layer)	RV801,901	1 224 252 VY	© 47 k, adjustable
C139,239	1-108-587-12 B 0 1-108-599-12 B 0		mylar mylar	C606 C607	1-121-990-11		25 V	elect	C739	1-121-352-11	B 47	10V		K v 601,901	1-224-232-AA	O 47 k, adjustable
C140,240	1-108-585-12 B 0		mylar	C608	1-121-395-11	•		elect	C137	1-121-332-11	U +1	10 1	Cicci	÷ .		
C141,241 C142,242	1-108-383-12 B 0		-	C008	1-121-373-11	D 4.7	20 1	0.001	C801,901	1-121-395-11	(A) 4 7	25 V	elect		s	SWITCHES
C142,242	1-121-410-11	50 25	V CICCI	C701	1-161-019-11	(A) 0.033		ceramic	C802,902	1-131-215-11	-		tantalum	, I	•	
C143,243	1-121-398-11 B 1	25	V elect	. 0.01	2 202 027 22	0		(boundary layer)	0002,502	1 101 210 11	U -			S1	1-552-204-00	F Slide, REC/PB
C145,245	1-121-395-11 B 4		V elect	C702	1-131-201-11	(B) 22	16 V	tantalum						S2		D Lever-slide, EQ
C146,246	1-102-106-11 (A) 1			C703	1-121-990-11	_	16 V	elect				_		S3		C Lever-slide, BIAS
C147,247	1-121-398-11 B 1		V elect	C704	1-121-479-11	-	16 V	elect		•	RESISTOR	S .		S4	1-552-063-00	© Lever-slide, LIMITER
C149,249	1-121-398-11 B 1		V elect	C705	1-161-025-11	_		ceramic	A 11	l resistors are ir	ahma C		V corbon	S5	1-552-062-00	Rotary-slide, DOLBY NR
								(boundary layer)		sistors are omiti		JIIIIIIOII 74	v carbon			
C301,401	1-129-701-11 B 0	01 100	V polyethylene						Re	fer to the list of	n page 44	for their p	art	S6	1-514-722-XX	© Miniature, REC MUTE
C302,402	1-129-896-11 B 0	012 100	V polyethylene	C706	1-121-395-11	A 4.7	25 V	elect		mbers.		_		S7		© Slide, TIMER
C303,403	1-129-899-11 B 0	056 100	V polyethylene	C707-710	1-161-013-11	B 0.01		ceramic	R030/	1-206-700-11	B) 33 k	2W	metal oxide	S8	1-516-974-00	© Slide, MEMORY
C304,404	1-108-573-12 B 0	.0056	mylar					(boundary layer)				A 28 (194), T. S. S. S. S. S.		S10	1-514-722-XX	© Miniature, cassette
C305,405	1-102-943-11 (A) 6	p		C711	1-161-021-11	(A) 0.047		ceramic	R157,257	1-213-141-11	A 680	1 W	metal oxide	S11	1-514-722-XX	Miniature, erasure proof
			,			_		(boundary layer)	R181,281	1-213-137-11	(A) 330	1W	metal oxide	rearrante transfer in commentate to comm	eleksi Siikilik siite kaa pienteksii Valiin Aleessiin kuta e-ku- viis	00000000000000000000000000000000000000
C306,406	1-121-651-11 B 1		V elect	C712	1-161-013-11	(A) 0.01		ceramic	An Application of the American Connection of the American					7 <u>/</u>	1-516-855-00	E Push button, POWER
C307,407	1-129-794-11 B		V polyethylene			_		(boundary layer)	R506 🛮	1-217-402-11	B 180	¼W	fusible	S12 {		(E, AEP, UK model)
C308,408	1-131-217-11 B 2		V tantalum	C713	1-161-019-11	(A) 0.033		ceramic	There was a managed combined to the Table of	manufer and agent agent to the control of the property of the control of the cont	- Christian Section States	mercen processed from the control of	The second secon	l <u>/</u>	1-516-693-00	E Push button, POWER
C309,409	1-131-197-11 B 3		V tantalum					(boundary layer)	R602	1-244-875-11			carbon		Language Commission	(Can adian model)
C310,410	1-108-571-12 B 0	.0047	mylar						R609 🖊	1-217-375-11	(B) 1	¼W	fusible	S14	1-552-064-00	E Reed, rotation detect
			·	:												

Note: The components identified by shading and mark

A are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un tramé et une marque <u>∧</u> sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spéçifié.

Note: Circled letters (A to Z) are applicable to European models only.

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
S15	1-552-174-00	B Pushbutton, AUTO RESET	RL101	1-515-294-0	Relay, reed (E, AEP, UK model)
S16	1-552-174-00	B Pushbutton, MANUAL RESET	ng registration r		
			VS	1-552-026-0	
	•		· 李 李 李		(E, AEP, UK model)
		JACKS	,	↑ 1-519-155-1	1 () Fluorescent Lamp
T201 401	1 507 522 00	® MIC			1 D Holder, 5p fuse (E, AEP, UK model)
J301,401 J302	1-507-533-00 1-507-523-00	© LINE IN			XX (B) Plate, terminal
J303,403					XX (H) Counter with Contact Switch (S9)
J304,404	1-507-433-21	© 4p, LINE IN, LINE OUT		↑ 1-551-506-0	0 D Cord, power (Canadian model)
J402	1-507-507-00	© HEADPHONES		-300 1000	
		FUSES	'	ACCESSORIES	& PACKING MATERIALS
F1	<u></u> 1 -532-066-00	B Fuse, T400 mA	Part No.		Description
	A	(E, AEP, UK model)			
F2-5	1-532-078-00 1-532-078-00	B Fuse, 1A (E, AEP, UK model)	X-3549-74	_	ushion Ass'y ip Ass'y, head cleaning
	•		X-3701-10	5-0 (A) Ti	p Ass y, nead cleaning
	MISO	CELLANEOUS	1-534-049-	31 (E) Co	ord, connection; RK-74
			1-534-487-	xx 🛕 © c	ord, power (E, AEP, UK model)
CN1	1-507-255-00	© Socket, 11p; remote control			
	1-509-546-00	© Socket, 3p; AC IN	3-429-126-	_	ag, plastic; set (Canadian model)
CN2	\	(E, AEP, UK model)	3-541-250-	_	ticker, loading
	1-526-528-00		3-548-778-	_	ushion (E, AEP, UK model)
60.14.04	1 500 540 00	(Canadian model)	3-548-780-	_	ushion, lower; front (E, AEP, UK model) ushion, lower; rear (E, AEP, UK model)
CN101	1-509-549-00	B Connector, record/playback (E, AEP, UK model)	3-548-781-	.00 (C) (C)	usificit, lower, rear (E, AEr, CK model)
CP1,2	A TENNETH STREET	e an include the first terminal of the control of the control of global sections. The global section is the global section of the control of	3-548-788-	00 C	ushion, lower; front (Canadian model)
CP701)	<u>↑</u> 1-231-057-31	B Encapsulated Component	3-548-789-		ushion, lower; rear (Canadian model)
01,01	(▲ 1-231-057-31	B Encapsulated Component	3-548-790-	-00 C	ushion (Canadian model)
CP702		(E, AEP, UK model)	3-555-533-	-00 (F) C:	arton (E, AEP, UK model)
	1-231-341-00	D Encapsulated Component	3-555-536-	-00 C	arton (Canadian model)
	er er stat fart i med state til state	(Canadian model)			
			3-770-392-	_	anual, instruction (Canadian model)
HE	8-825-506-00	© Head, erase; EF135-36	3-770-392-	-52 (H) M	anual, instruction (E, AEP, UK model)
HRP	8-825-612-00	M Head, record/playback;	4 000 000	00 0 0	1 di continui de la CD LIV continu
		PF145-3602	4-837-003-	-00 C B	ag, plastic; set (E, AEP, UK model)
M1	8-835-006-00	(Motor, capstan; DNF-1001B			
M2	8-834-015-01				
PL1-9		(B) Lamp, 6V 35 mA			
PM1,2	1-454-177-00	© Solenoid			
PM3	1-454-158-00	© Solenoid			

Note: The components identified by shading and mark A are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un tramé et une marque <u>A</u> sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

MODEL IDENTIFICATION

- Specification Label -

TC-K8 Canadian model

SONY_®

TAPECORDER TC-K8 AC 120V 60Hz 32W NO. MADE IN JAPAN

TC-K8B E, AEP, UK model

SONY®

TAPECORDER TC-K8B 110 120 220 240V ~ 50/60Hz 35W NO.

MADE IN JAPAN